



DIVE

MK 25 MOD 2 UBA

(5LU)

Checklist

UPDATED May 2016

SAFETY REVIEW ITEMS - MK 25 MOD 2 UBA

A. ADMINISTRATION

1. (A1C0) IS THE MK-25 UBA PREDIVE CHECKLIST USED?
REF: NAVSEA SS600-A3-MMA-101/53833 Rev 2
MARINE CORPS TM 09603B-14&P/1

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

2. (A1D0) IS THE MK-25 UBA DIVING SUPERVISOR CHECKLIST USED (IC-1/IC2) ?
REF: NAVSEA SS600-A3-MMA-101/53833 REV 2
MARINE CORPS TM 09603B-14&P/1

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

3. (A1E0) HAVE ALL MK-25 TECHNICIANS GRADUATED FROM A CERTIFIED SCHOOL
AND HAS IT BEEN ENTERED IN THEIR SERVICE RECORD BOOK & DIVER
TRAINING RECORD?
REF: NAVSEA SS600-A3-MMA-101/53833 REV 1
MARINE CORPS TM 09603B-14&P/1

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

4. (A1F0) DOES EACH RIG LOG HAVE REQUIRED MAINTENANCE SHEETS, RE-ENTRY
CONTROL FORMS AND FAILURE ANALYSIS REPORTS IAW TECHNICAL
MANUAL, AND ARE FORMS FORWARDED TO NAVSEA (OOC) AS REQUIRED?
REF: NAVSEA SS600-A3-MMA-101/53833 REV 2
MARINE CORPS TM 09603B-14&P/1

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

5. (A1H0) IS PMS IMPLEMENTED FOR THE MK-25?
REF: NAVSEA SS600-A3-MMA-101/53833 REV 2
MARINE CORPS TM 09603B-14&P/1
Applicable PMS

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

6. (A1I0) ARE MK-25 UBA POST DIVE CHECKLISTS BEING USED?

REF: MARINE CORPS TM 09603B-14&P/1

NAVSEA SS600-A3-MMA-101/53833 REV 2

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

7. (A1L0) ARE ALL APPLICABLE ISEA NOTES AVAILABLE?

REF: NAVAL SAFETY CENTER GUIDANCE

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

B. MAINTENANCE

8. (A2A0) ARE 02 SAFE PROCEDURES AND PRECAUTIONS BEING OBSERVED?

REF: MIL -STD- 1330

NAVSEA SS600-A3-MMA-101/53833 REV 2

MARINE CORPS TM 09603B-14&P/1

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

9. (A2B0) IS THE CO2 ABSORBENT APPROVED FOR USE IN THE MK-25 UBA AND IS IT WITHIN CURRENT SHELF LIFE?

REF: MARINE CORPS TM 09603B-14&P/1

NAVSEA SS600-A3-MMA-101/53833 Rev 2

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

10. (A2C0) IS THE LUBRICANT FOR MK-25 COMPONENTS OF THE APPROVED TYPE? (MIL-G-27617, TYPE III GREASES FOR OXYGEN SERVICE)

REF:

NAVSEA SS600-A3-MMA-101/53833 REV 2

MARINE CORPS TM 09603B-14&P/1

MIL -STD- 1330

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

11. (A2D0) DO ALL OXYGEN BOTTLES HAVE CURRENT HYDROSTATIC TEST DATES?
REF: NAVSEA SS600-A3-MMA-101/53833 REV 2
MARINE CORPS TM 09603B-14&P/1
Applicable PMS

C R NA UA
☐ Repeat
☐ Significant
☐ PMS

12. (A2E0) ARE CRITICAL GAUGES AND TORQUE WRENCHES CALIBRATED? (IE. MAGNEHELIC BAR TEST GAUGE, OXYGEN BOTTLE GAUGES AND INCH/FOOT LB TORQUE WRENCHES)
REF: Applicable PMS

C R NA UA
☐ Repeat
☐ Significant
☐ PMS

13. (A2G0) IS THE MK-25 SHELL FREE OF DIRT, DETERIORATION, PETROLEUM CONTAMINATION AND DAMAGE?
REF: MARINE CORPS TM 09603B-14&P/1
NAVSEA SS600-A3-MMA-101/53833 REV 2

C R NA UA
☐ Repeat
☐ Significant
☐ PMS

14. (A2H0) ARE THE BREATHING BAG AND OXYGEN BOTTLE STRAPS FREE OF CRACKS, CUTS AND/OR DETERIORATION?
REF: MARINE CORPS TM 09603B-14&P/1
NAVSEA SS600-A3-MMA-101/53833 REV 2

C R NA UA
☐ Repeat
☐ Significant
☐ PMS

15. (A2I0) IS THE CANISTER FREE OF CRACKS OR DETERIORATION?
REF: NAVSEA SS600-A3-MMA-101/53833 REV 2
MARINE CORPS TM 09603B-14&P/1

C R NA UA
☐ Repeat
☐ Significant
☐ PMS

16. (A2L0) IS THE OXYGEN BOTTLE FREE OF GOUGES, DENTS AND SCRATCHES OVER 0.03 INCHES DEEP?

REF: MARINE CORPS TM 09603B-14&P/1

NAVSEA SS600-A3-MMA-101/53833 REV 2

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

17. (A2L1) IS PERSONAL PROTECTIVE EQUIPMENT (PPE, GLOVES AND EYE PROTECTION) AVAILABLE TO PERSONNEL WHEN FILLING THE CO2 CANISTERS WITH ABSORBENT?

REF: OPNAVINST 5100.19 SERIES

OPNAVINST 5100.23 SERIES

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

18. (A2M0) IS A WELL VENTILATED AREA AVAILABLE FOR FILLING CO2 SCRUBBER CANISTERS WITH CO2 ABSORBENT?

REF: OPNAVINST 5100.23 SERIES

OPNAVINST 5100.19 SERIES

NAVSEA SS600-A3-MMA-101/53833 Rev 2

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

19. (A2Q0) ARE THE MK-25 TOOLS, TEST ASSEMBLIES AND ADAPTERS ON BOARD?

REF: Applicable PMS

MARINE CORPS TM 09603B-14&P/1

NAVSEA SS600-A3-MMA-101/53833 REV 2

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

20. (A2R0) IS THE HARNESS STRAP ASSEMBLY IN GOOD REPAIR?

REF: MARINE CORPS TM 09603B-14&P/1

NAVSEA SS600-A3-MMA-101/53833 REV 2

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

21. (A2T0) ARE THE PROTECTIVE CAPS INSTALLED ON MK-25 WHEN THE OXYGEN BOTTLES ARE REMOVED?

REF: NAVSEA SS600-A3-MMA-101/53833 REV 2
MIL -STD- 1330
MARINE CORPS TM 09603B-14&P/1

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

22. (A2Y0) HAS VERIFICATION OF THE CORRECT OPERATIONAL ACTUATION PRESSURE OF THE DEMAND VALVE ASSEMBLY BEEN PERFORMED AND DOCUMENTED IAW PMS/REC PROCEDURES?

REF: Applicable PMS
MARINE CORPS TM 09603B-14&P/1
NAVSEA SS600-A3-MMA-101/53833 REV 2

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

23. (A2Y1) HAS VERIFICATION OF THE CORRECT OPERATIONAL PRESSURE RANGE OF THE HP OXYGEN PRESSURE REDUCER BEEN PERFORMED AND DOCUMENTED IAW PMS/REC PROCEDURES?

REF: Applicable PMS
NAVSEA SS600-A3-MMA-101/53833 REV 2
MARINE CORPS TM 09603B-14&P/1

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

24. (A2Z0) ARE ALL O2 CLEAN PARTS AND REPLACEMENT PARTS PROPERLY CLEANED, PACKAGED, AND MARKED?

REF: NAVSEA SS600-A3-MMA-101/53833 REV 2
MARINE CORPS TM 09603B-14&P/1
Applicable PMS
MIL -STD- 1330

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

C. BOUYANCY COMPENSATION CONTROL

25. (A3A0) ARE BUOYANCY BLADDER FREE OF DETERIORATION, CRACKS OR CUTS?
ARE SEAMS IN GOOD CONDITION (NO SIGNS OF SEPARATION) AND DRAIN
CAPS IN GOOD WORKING ORDER.

REF: NAVSEA SS600-A3-MMA-101/53833 REV 2

Applicable PMS

MARINE CORPS TM 09603B-14&P/1

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

26. (A3B0) ARE BELTS AND STRAPS IN GOOD CONDITION?

REF: Applicable PMS

OPERATION & MAINTENANCE MANUAL

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

27. (A3C0) ARE THE AIR CYLINDER ANNUAL INTERIOR/EXTERIOR VISUAL
INSPECTIONS RECORDED WITHIN THE HYDRO LOG AND PROPERLY
ACCOUNTED FOR AND ANCHORED CORRECTLY IN SKED.

REF: Applicable PMS

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

28. (A3F0) DO THE LIFE JACKETS OPERATE PROPERLY?

REF: Applicable PMS

OPERATION & MAINTENANCE MANUAL

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

D. OXYGEN TRANSFER PUMPS

29. (A4A0) ARE RE-ENTRY CONTROL PROCEDURES FOLLOWED, AND IS THE REC LOG
AVAILABLE? IF MAINTENANCE IS CONTRACTED OUT, WORK PACKAGES
MUST BE RETAINED WITH PMS DOCUMENTED.

REF: Applicable PMS

OPERATION & MAINTENANCE MANUAL

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

30. (A4B0) ARE THE RELIEF VALVES TESTED EVERY 36 MONTHS?

REF: Applicable PMS

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

31. (A4C0) ARE OXYGEN PRESSURE GAUGES CALIBRATED?

REF: Applicable PMS

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

32. (A4F0) ARE ALL GTS FLEXIBLE CHARGING HOSES PROOF TESTED PRIOR TO INITIAL INSTALLATION? ARE RUBBER CHARGING HOSES REPLACED AT 12YRS?

REF: NAVSEA S6430-AE-TED-010

Applicable PMS

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

33. (A4G0) ARE OPERATING AND EMERGENCY PROCEDURES FOR THE GAS TRANSFER SYSTEM AVAILABLE/IN USE?

REF: OPERATION & MAINTENANCE MANUAL

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

34. (A4H0) DO ALL FLEXIBLE CHARGING HOSES HAVE A PROPER STRAIN RELIEF DEVICE ATTACHED?

REF: U.S. NAVY DIVE MANUAL

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

MK 25 MOD 2 UBA

COMMAND NAME:

LOCATION:

UIC:

DATE:

SURVEYOR(S):

NO. COMPLETE:

NO. REQ ACTION:

NOT APPLICABLE:

Q #	Question	Result				Sig	Rep	PMS
1	5LUA1C0	C	R	N	U			
2	5LUA1D0	C	R	N	U			
3	5LUA1E0	C	R	N	U			
4	5LUA1F0	C	R	N	U			
5	5LUA1H0	C	R	N	U			
6	5LUA1I0	C	R	N	U			
7	5LUA1L0	C	R	N	U			
8	5LUA2A0	C	R	N	U			
9	5LUA2B0	C	R	N	U			
10	5LUA2C0	C	R	N	U			
11	5LUA2D0	C	R	N	U			
12	5LUA2E0	C	R	N	U			
13	5LUA2G0	C	R	N	U			
14	5LUA2H0	C	R	N	U			
15	5LUA2I0	C	R	N	U			
16	5LUA2L0	C	R	N	U			
17	5LUA2L1	C	R	N	U			
18	5LUA2M0	C	R	N	U			
19	5LUA2Q0	C	R	N	U			
20	5LUA2R0	C	R	N	U			
21	5LUA2T0	C	R	N	U			
22	5LUA2Y0	C	R	N	U			
23	5LUA2Y1	C	R	N	U			
24	5LUA2Z0	C	R	N	U			
25	5LUA3A0	C	R	N	U			
26	5LUA3B0	C	R	N	U			
27	5LUA3C0	C	R	N	U			
28	5LUA3F0	C	R	N	U			
29	5LUA4A0	C	R	N	U			
30	5LUA4B0	C	R	N	U			
31	5LUA4C0	C	R	N	U			
32	5LUA4F0	C	R	N	U			

33	5LUA4G0	C	R	N	U			
34	5LUA4H0	C	R	N	U			